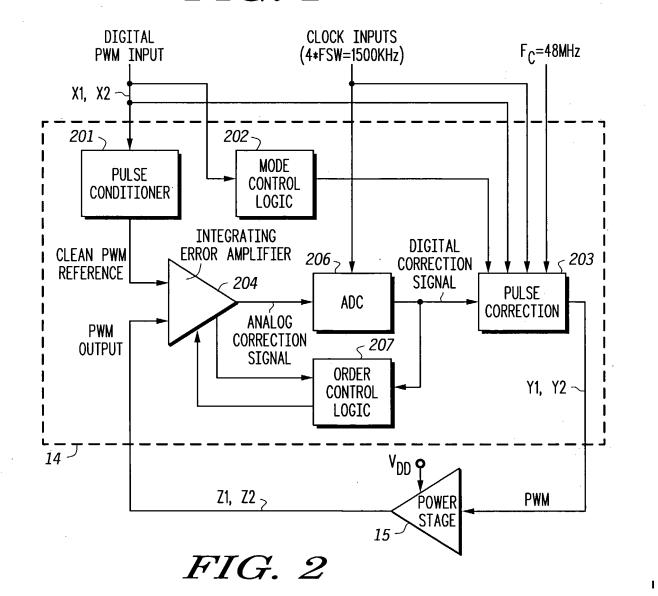


FIG. 1



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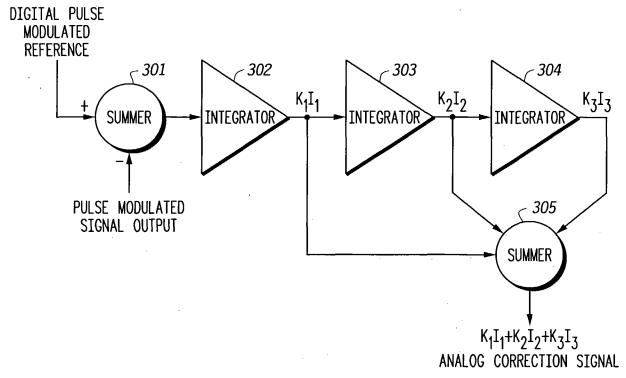
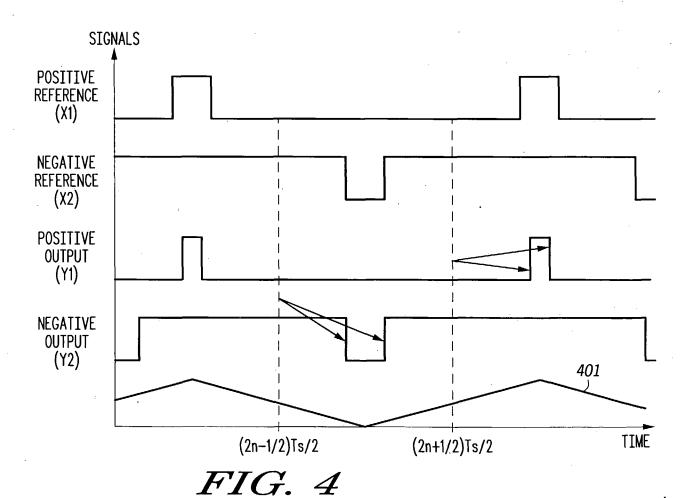
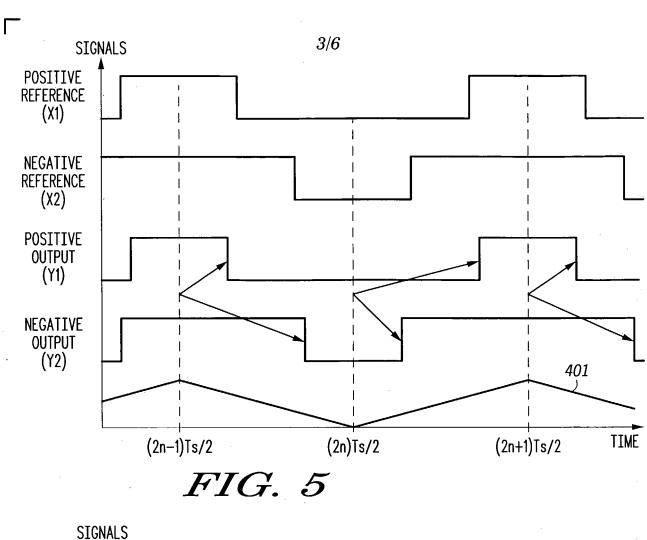
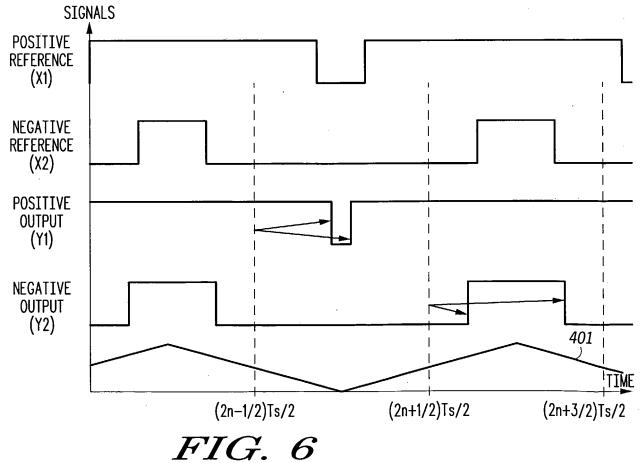
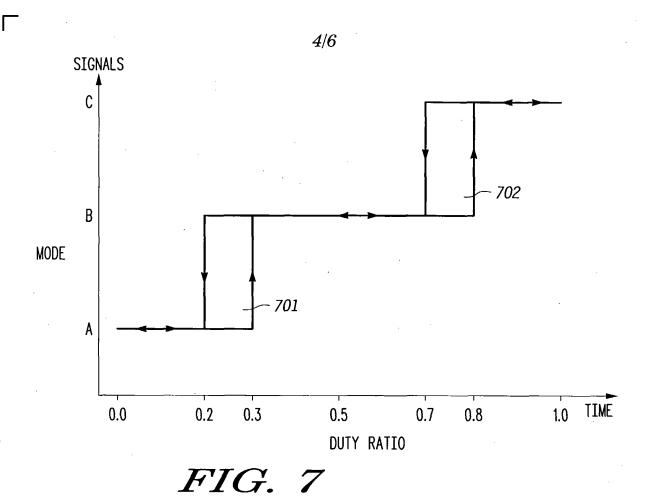


FIG. 3









SIGNALS

POSITIVE REFERENCE (X1)

NEGATIVE OUTPUT (Y1)

NEGATIVE OUTPUT (Y2)

(2n-3/2)Ts/2

(2n-1/2)Ts/2

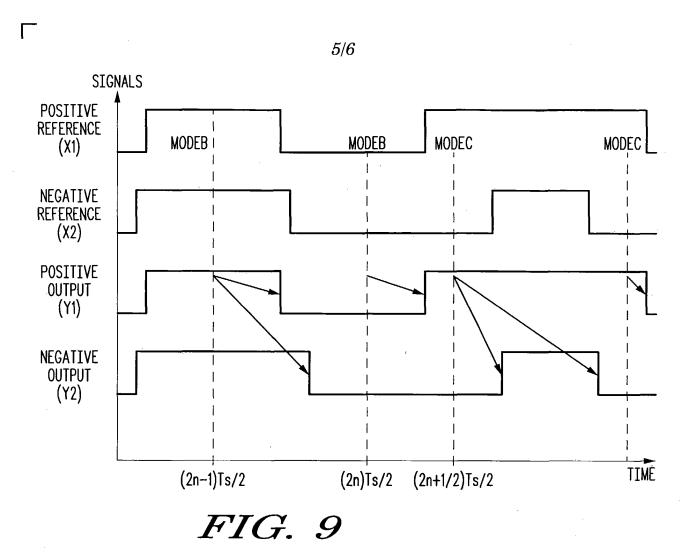
(2n-1/2)Ts/2

(2n-1/2)Ts/2

(2n+1/2)Ts/2

TIME

FIG. 8



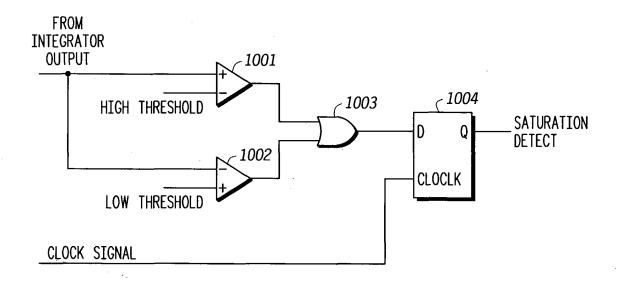


FIG. 10

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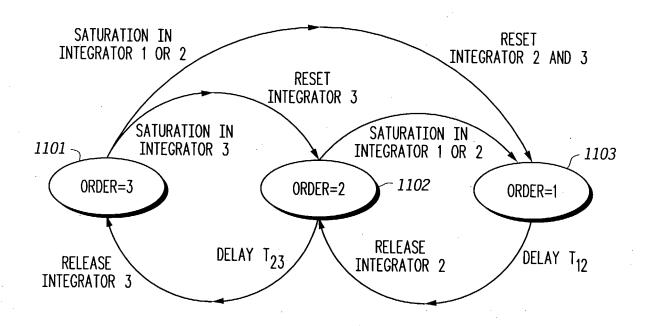


FIG. 11

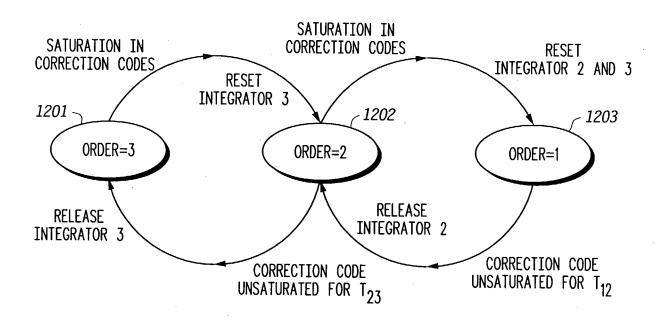


FIG. 12